

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025775.D
 Acq On : 28 Jul 2015 5:39
 Operator : SY/MD
 Sample : G3040-08DL 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-MIDPOINT-072315DL

Quant Time: Jul 28 07:40:36 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	559770	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.32	114	1500363	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.74	117	1918228	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1716258	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

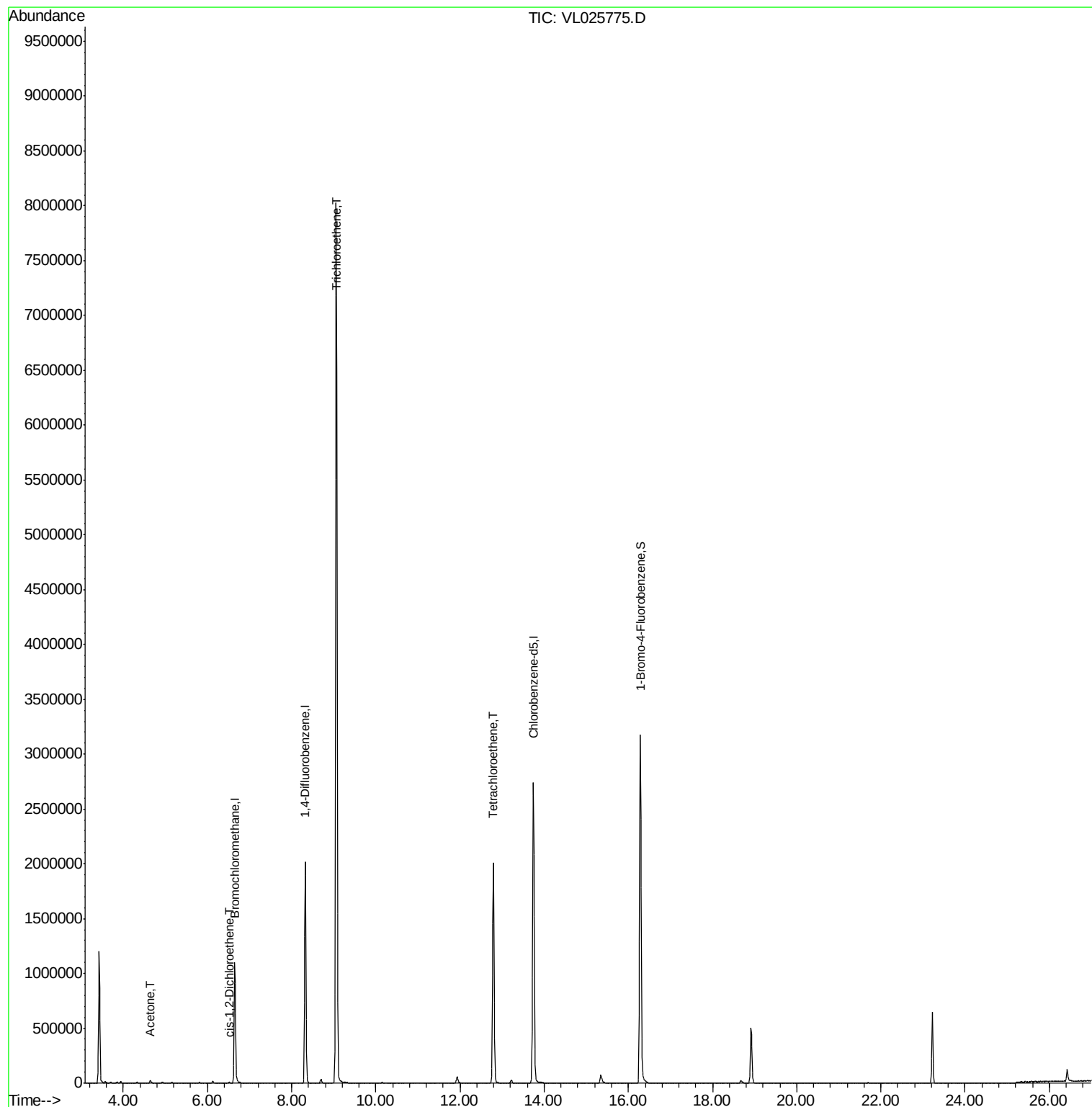
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	4.64	43	32030	0.32	ppbv	# 79
31) cis-1,2-Dichloroethene	6.51	61	7947	0.11	ppbv	88
38) Trichloroethene	9.06	130	2701519	40.44	ppbv	97
52) Tetrachloroethene	12.79	164	520671	7.22	ppbv	98

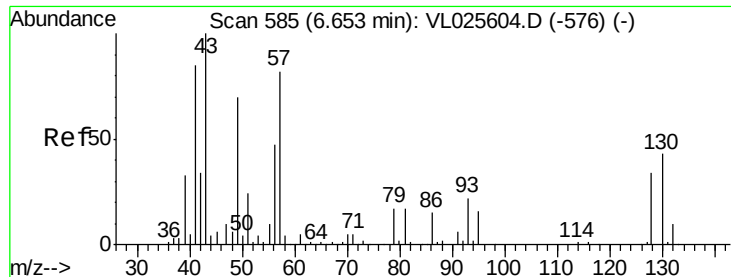
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 584

Delta R.T. -0.01 min

Lab File: VL025775.D

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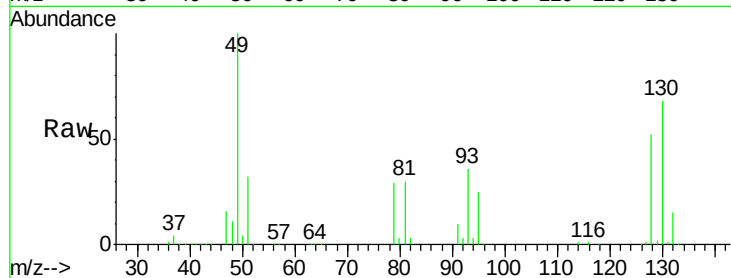
Tgt Ion: 49 Resp: 559770

Ion Ratio Lower Upper

49 100

128 52.3 25.4 76.0

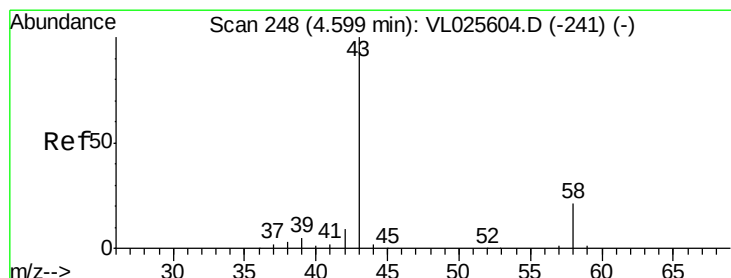
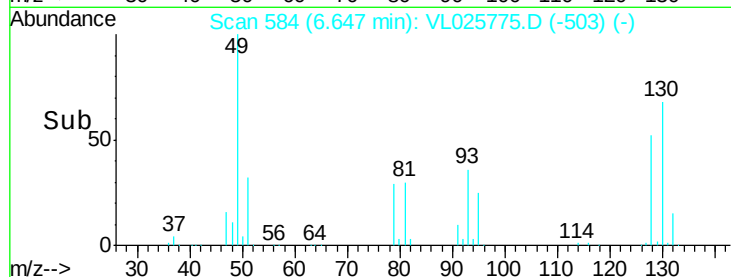
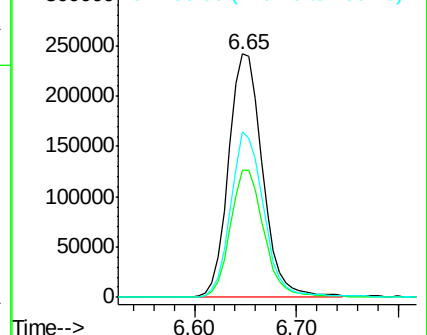
130 66.7 31.9 95.9



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.32 ppbv

RT: 4.64 min Scan# 255

Delta R.T. 0.04 min

Lab File: VL025775.D

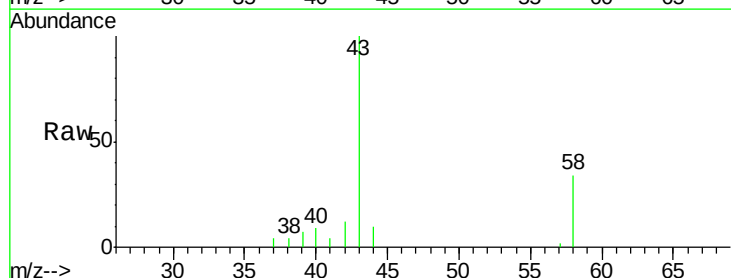
Acq: 28 Jul 2015 5:39

Tgt Ion: 43 Resp: 32030

Ion Ratio Lower Upper

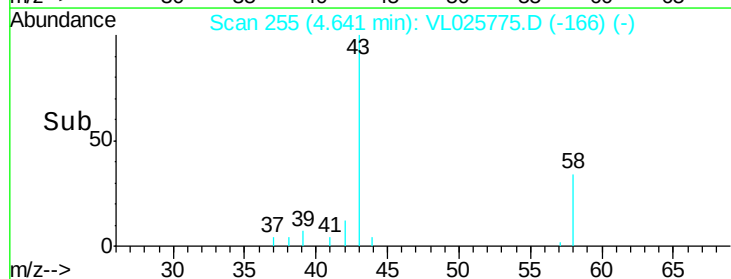
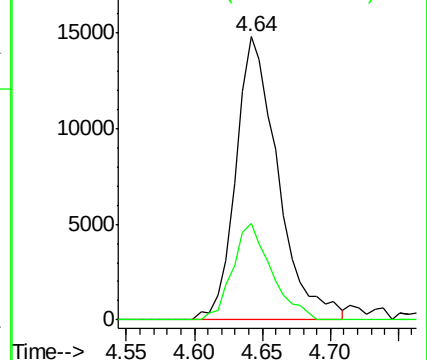
43 100

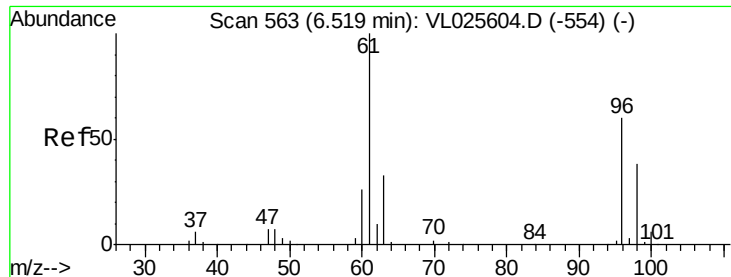
58 31.2 17.2 25.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 0.11 ppbv

RT: 6.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: VL025775.D

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Instrument :

MSVOA_L

ClientSampleId :

DIN46-MIDPOINT-072315DL

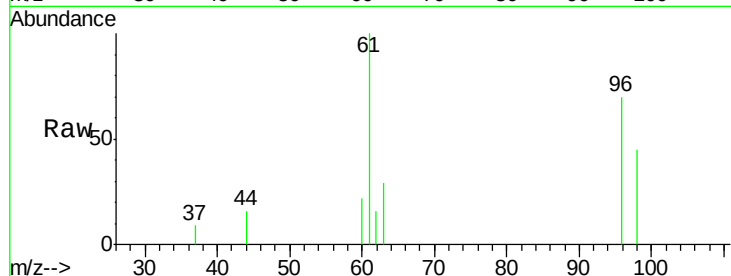
Tgt Ion: 61 Resp: 7947

Ion Ratio Lower Upper

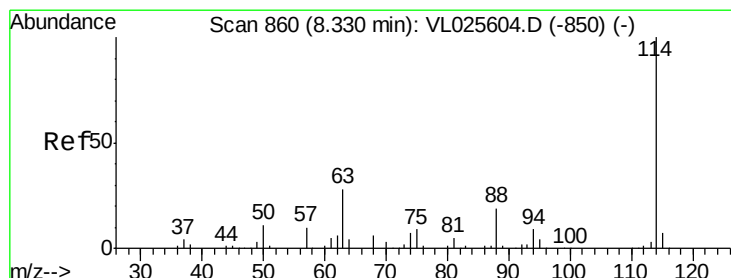
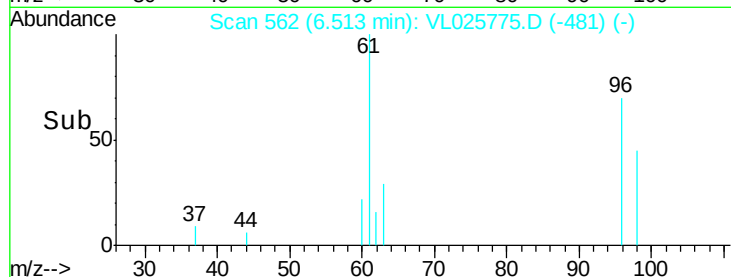
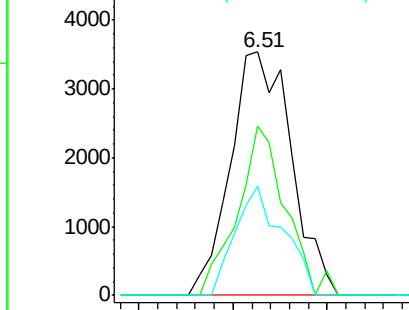
61 100

96 69.5 48.1 72.1

98 44.8 30.7 46.1



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 8.32 min Scan# 859

Delta R.T. -0.01 min

Lab File: VL025775.D

Acq: 28 Jul 2015 5:39

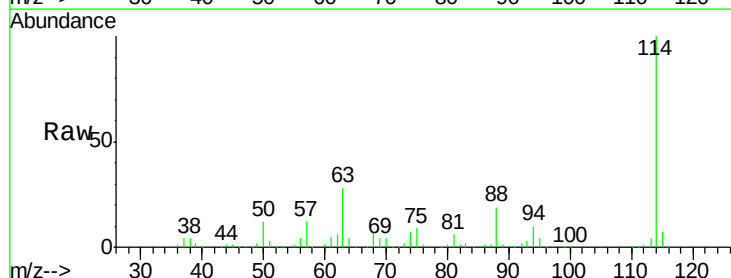
Tgt Ion: 114 Resp: 1500363

Ion Ratio Lower Upper

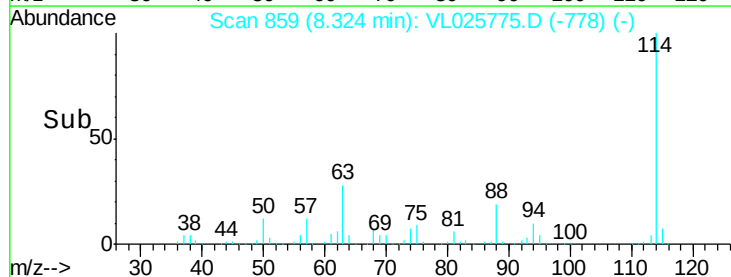
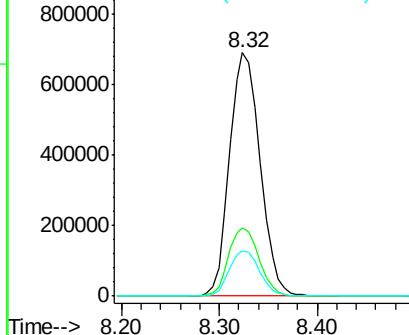
114 100

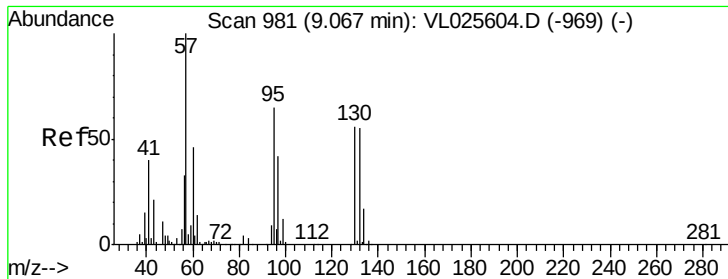
63 28.1 22.4 33.6

88 18.7 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

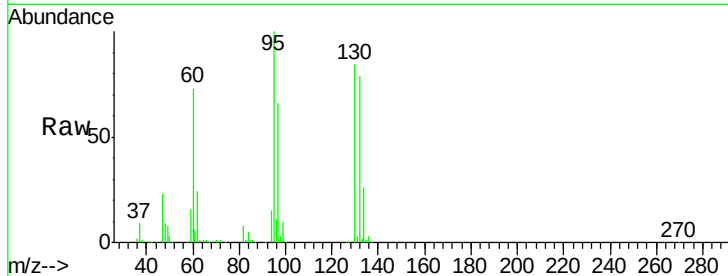




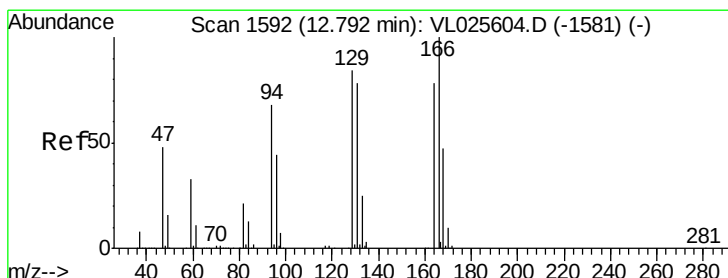
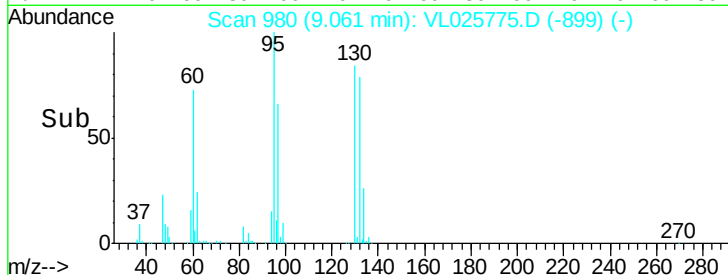
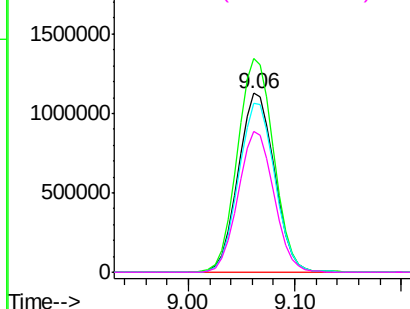
#38
 Trichloroethene
 Concen: 40.44 ppbv
 RT: 9.06 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VL025775.D
 Acq: 28 Jul 2015 5:39

Instrument :
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Tgt Ion:130 Resp: 2701519
 Ion Ratio Lower Upper
 130 100
 95 119.5 94.2 141.4
 132 94.7 78.6 118.0
 97 79.0 60.6 90.8

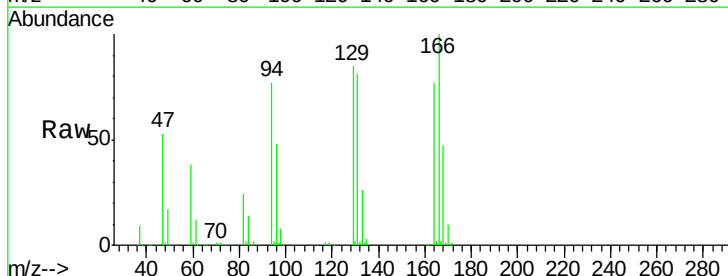


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): V
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): V

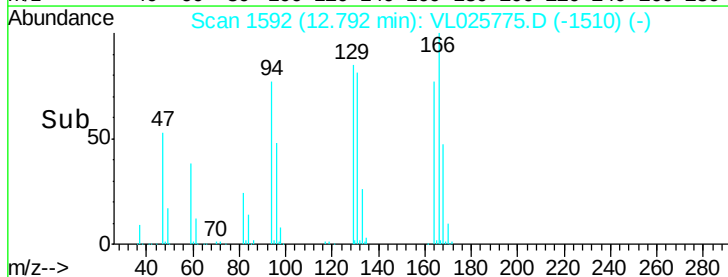
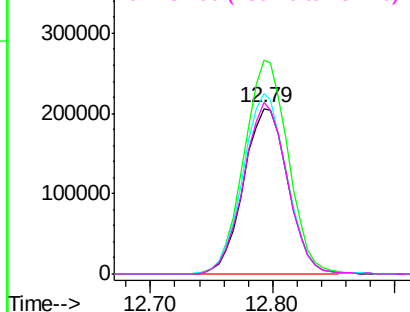


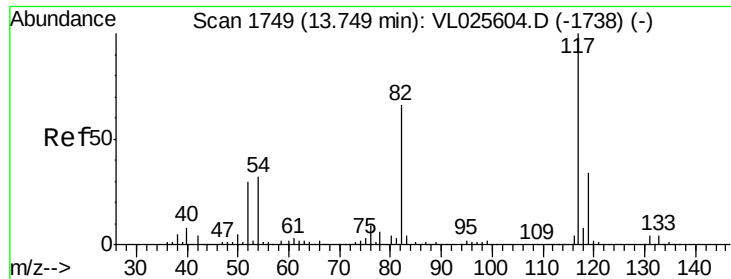
#52
 Tetrachloroethene
 Concen: 7.22 ppbv
 RT: 12.79 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VL025775.D
 Acq: 28 Jul 2015 5:39

Tgt Ion:164 Resp: 520671
 Ion Ratio Lower Upper
 164 100
 166 129.1 102.3 153.5
 129 109.2 86.2 129.4
 131 103.8 80.3 120.5



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V

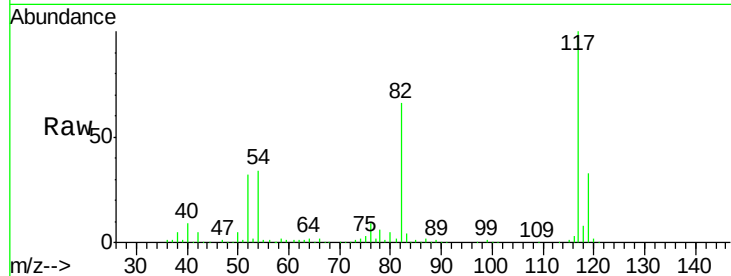




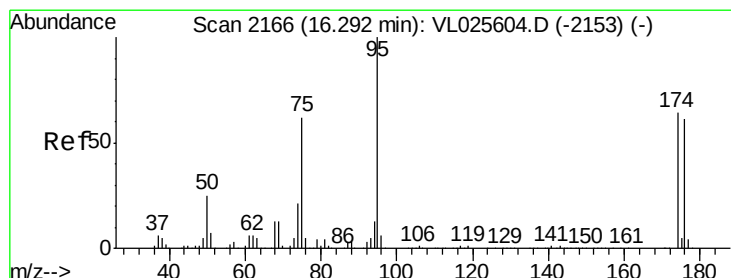
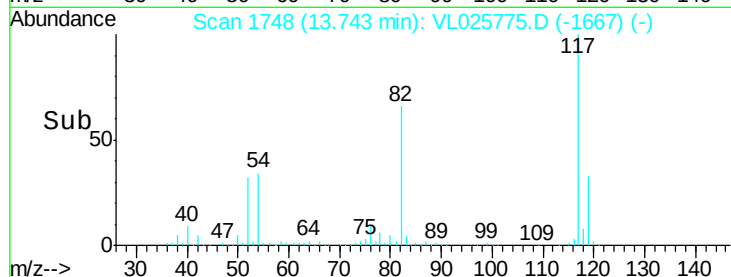
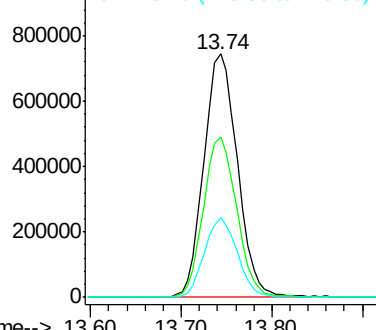
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.74 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VL025775.D
Acq: 28 Jul 2015 5:39

Instrument :
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Tgt Ion: 117 Resp: 1918228
Ion Ratio Lower Upper
117 100
82 66.0 50.5 75.7
119 32.3 45.1 67.7#

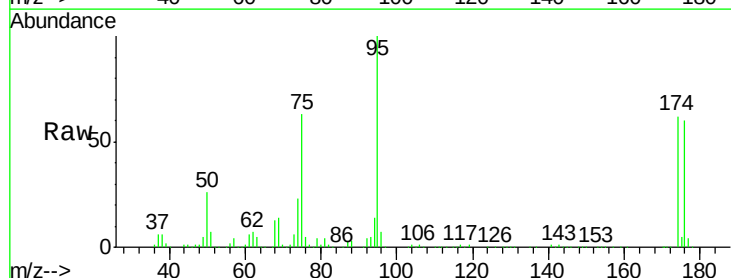


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.61 ppbv
RT: 16.29 min Scan# 2165
Delta R.T. -0.01 min
Lab File: VL025775.D
Acq: 28 Jul 2015 5:39

Tgt Ion: 95 Resp: 1716258
Ion Ratio Lower Upper
95 100
174 63.3 52.0 78.0
175 4.8 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

